



Event

MPTS IJET E-2/C-2 FRM 4601 T-45

Mission

**E-2/C-2 FORMATION (BRIEF / LEAD)
1.5 HOURS/X**



ORM



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- **OPERATIONAL REQUIREMENTS / LIMITATIONS**
 - **CREW REST/ CREW DAY / WORK WEEK**
 - **WARM-UP ELIGIBILITY**
 - **PREVIOUS FLIGHT COMPLETE?**
 - **IP CURRENCY**
 - **READ AND INITIAL**

- **HUMAN FACTORS**
 - **LIFE STRESSORS / EXTERNAL FACTORS/ PERSONAL PROBLEMS**
 - **MEDICAL STATUS**
 - **CREW DAY**
 - **CREW REST**
 - **NOURISHMENT**
 - **HYDRATION**

- **HAZARDS AND CONTROLS**
 - **ROUTINE**
 - **WEATHER**
 - **CURRENT OBSERVATIONS AND FORECASTS**
 - **CROSSWINDS**
 - **FUEL CONSIDERATIONS**



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TTO



- **WHO WILL CALL A TTO?**
- **WHAT SITUATIONS WILL THE TTO BE CALLED?**
 - **SAFETY**
 - **CONFUSION**
 - **MISUNDERSTANDING**
- **IP RESPONSIBILITIES**
 - **RECOGNIZE THE NEED FOR A TTO**
 - **EXPLANATION / INSTRUCTION AS NECESSARY**
 - **DOCUMENTATION ON ATF**
- **WHEN AND HOW WILL TRAINING RESUME?**



SSR/DISCUSS ITEMS



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- **SPECIAL SYLLABUS REQUIRMENTS:**
 - FRM 4601: NONE.
- **PREREQUISITES:**
 - INTERMEDIATE JET
- **DISCUSS ITEMS:**
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 - NATOPS/SOP/EP QOD



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SYLLABUS NOTES

A.EVENT WILL BE FLOWN FROM THE FRONT COCKPIT.

B.STUDENT SHALL BRIEF AND LEAD THIS FLIGHT.

C.THE FOLLOWING MANEUVERS SHALL BE PERFORMED:

- BREAKUP AND RENEZVOUS (2 X 250 DESIRED)**
- PARADE POSITION**
- LEAD CHANGE**



ADMIN (CARD)



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- **A/C - ATC C/S - CREW**
- **BRIEF / WALK / TAKEOFF / LAND TIMES**
- **ATC CLEARANCE / DD-175**
- **FUEL PLAN/LADDER**
- **LINE / T/O / ABORT / RPM**
- **COMM PLAN**
- **NAV PLAN**



ADMIN



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- **LAUNCH**
 - **WEATHER / NOTAMS / TFR / BASH**
 - **PREFLIGHT / START / TAXI**
 - **ENROUTE PROCEDURES**
 - **RADALT USAGE**

- **RTB**
 - **RECOVERY**
 - **DIVERTS**



CONDUCT



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- **TIMS RESUME REVIEW**
- **PRACTICE:**
 - **CHECKLISTS/COMM/GROUND OPS**
 - **TAKEOFF/DEPARTURE/FLIGHT ADMIN**
 - **TAKEOFF**
 - **FORMATION TAKEOFF**
 - **DEPARTURE**
 - **FORMATION LEAD**
 - **PARADE**
 - **BREAKUP AND RENDEZVOUS**
 - **LEAD CHANGE**
 - **DESCENT/FIELD ENTRY**
 - **PRECAUTIONARY APPROACH**
 - **INSTRUMENT APPROACH**
 - **VFR LANDING PATTERN**
 - **FIELD CARRIER LANDINGS**
 - **WAVEOFF**
 - **FULL-STOP LANDING**



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BLOCK MIF



CTS REF	MANEUVER	FRM4601
1	General Knowledge/Procedures	4+
2	Emergency Procedures	3
3	Headwork/Situational Awareness	4+
4	Basic Airwork	4+
5	Mission Planning/Briefing/Debriefing	3+
6	Communications	4+
7	Ground Operations	4+
8	Flight Admin	3+
10	Takeoff	4
30	Formation Takeoff	3+
11	Departure	4+
31	Formation Lead	3+
32	Parade	4+
32	Breakup and Rendezvous	4+
32	Lead Change	4+
13	Descent/Field Entry	4+
21	Precautionary Approach	3
17 18	Instrument Approach	4+
22	VFR Landing Pattern	4+
23	Field Carrier Landings	3+
23	Crosswind Landings	3
24	Waveoff	4
23	Full-Stop Landing	4+



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COORDINATION

(ALL AIRCREW)



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COORDINATION



ADMIN

- **ORM, TTO**
- **WX, NOTAMS**
- **TFR, BASH**
- **KNEEBOARD CARD REVIEW**
- **START, MARSHAL, TAXI, T/O, RNDV**
- **RTB**

TACADMIN

- **ALPHA CHECK**



COORDINATION



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- **MISSION:**

- CHECKLISTS/COMM/GROUND OPS
- TAKEOFF/DEPARTURE/FLIGHT ADMIN
- TAKEOFF
- FORMATION TAKEOFF
- DEPARTURE
- FORMATION LEAD
- PARADE
- BREAKUP AND RENDEZVOUS
- LEAD CHANGE
- DESCENT/FIELD ENTRY
- PRECAUTIONARY APPROACH
- INSTRUMENT APPROACH
- VFR LANDING PATTERN
- FIELD CARRIER LANDINGS
- WAVEOFF
- FULL-STOP LANDING



Emergencies



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- **AIRCRAFT FALLOUT**
- **CLEAR ENGINE PROCEDURE**
- **ABORTED TAKEOFF**
- **RWY DEP / LOSS OF DIRECTIONAL CONTROL**
- **SYSTEM FAILURES/ EPs / CRM**
- **BIRD STRIKE/ MIDAIR**
- **RADIO/ ICS FAILURE**
- **LOSS OF NAVAIDS / LOST PLANE**
- **INADVERTENT IMC / LOST SIGHT / LCLS**
- **DISORIENTATION / VERTIGO**
- **HYPOXIA**
- **EJECTION (HIGH / LOW / GROUND)**
- **SAR / ON SCENE COMMANDER**
- **DIVERT(S) / BINGO FUEL TO DIVERT**